PTO-1390 (Rev. 09-2007)
Approved for use through 02282010. 0MB 0651004E0CE
U. S. Palent and Trademark Office; U.S. DEPATHENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES	ATTORNEY'S DOCKET NUMBER 577132000200							
DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (if known, see 37 CFR 1.5)							
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE	10/551,359 PRIORITY DATE CLAIMED							
PCT/CA2004/000464 29 March 2004	28 March 2003							
TITLE OF INVENTION OVERCOMPLETE BASIS TRANSFORM-BASED MOTION RESIDUAL FRAME CODING METHOD AND APPARATUS FOR VIDEO COMPRESSION								
APPLICANT(S) FOR DO/EO/US YI XIONG et al.								
Applicant herewith submits to the United States Designated/Elected Office (DO/E	O/US) the following items and other information:							
1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
2. X This is a SECOND or SUBSEQUENT submission of items concerning a	submission under 35 U.S.C. 371.							
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4. The US has been elected (Article 31).								
 A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) 	5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2))							
a. is attached hereto (required only if not communicated by the International Bureau).								
 b. has been communicated by the International Bureau. 	b. has been communicated by the International Bureau.							
c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
a. is attached hereto.	a. is attached hereto.							
b. has been previously submitted under 35 U.S.C. 154(d)(4).								
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
a. are attached hereto (required only if not communicated by the International Bureau).								
b. have been communicated by the International Bureau.								
c. have not been made; however, the time limit for making such amendments has NOT expired.								
d. have not been made and will not be made.								
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
Items 11 to 20 below concern document(s) or information included:								
11. x An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	(3 pages)							
12. An assignment document for recording. A separate cover sheet in com	bliance with 37 CFR 3.28 and 3.31 is included.							
13. A preliminary amendment.								
14. An Application Data Sheet under 37 CFR 1.76.								
15. A substitute specification.								
16. A power of attorney and/or change of address letter.								
A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.								
18. A second copy of the published International Application under 35 U.s	B. A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).								

PTC-1390 (Rev. 09-2007)
Approved for use through 02/28/2010. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

The following fees have been submitted The following fees have been submitted 21. Basic national fee (37 CFR 1.492(a)) 22. Examination fee (37 CFR 1.492(a)) 23. Sale in additional fee (37 CFR 1.492(a)) 24. Basic national fee (37 CFR 1.492(a)) 25. Sale in the write opinion prepared by [FALV] indicates at claims satisfy provisions of PCT Article 33(1)-(4)	Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information un U.S. APPLICATION NO. (8 known, see 37 CFR 1.5) NTERNATIONAL APPLICATION NO. PCT/CA2004/000464					ATTORNEY'S DOC	less it displays a valid OMB control number ATTORNEY'S DOCKET NUMBER 577132000200			
The following fees have been submitted						3,,,		,00200		
The following fees have been submitted 21. Basic national fee (37 CFR 1.492(a))	20					,~,				
21. Basic national fee (37 CFR 1.492(a)) 22. Examination fee (37 CFR 1.492(a)) 23. Examination fee (37 CFR 1.492(b)) 34. All of the situation of the prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international exact in the international examination international examination report prepared by an international examination international examinati				Helere	rices (5)					
21. Basic national fee (37 CFR 1.492(a)) 22. Examination fee (37 CFR 1.492(a)) 23. Examination fee (37 CFR 1.492(b)) 34. All of the situation of the prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international exact in the international examination international examination report prepared by an international examination international examinati										
21. Basic national fee (37 CFR 1.492(a)) 22. Examination fee (37 CFR 1.492(a)) 23. Examination fee (37 CFR 1.492(b)) 34. All of the situation of the prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international preliminary examination report prepared by [SALV or the international exact in the international examination international examination report prepared by an international examination international examinati	The fol	lowina fe	es haw	been submitte	ed .			CALCULATION	10	DTO LISE ONLY
If the written opinion prepared by (SAVIS or the international preliminary examination report prepared by (FAVIS) indicates at claims satisfy provisions of PCT Article 33(1)-(4) \$0							\$310		-	TTO OSE ONE!
If the writing opinion prepared by ISANUS or the International poliminary examination report prepared by ISANUS includes a claims safety provisions of PCT Article 33(1)-(4)	=								-	_
Sample S					ational preliminary exam	inat	on report			
23 Seatch fee (37 CFR 1.490(b)) If the part of the part of the (37 CFR 1.490(b)) If the part of the part of the (37 CFR 1.490(b)) Search (e. (37 CFR 1.445(c))2) has been paid on the internal application to the USPTO as an international Seatching Authority. Search (e. (37 CFR 1.445(c))2) has been paid on the internal application to the USPTO as an international Seatching Authority. Search (e. (37 CFR 1.445(c))2) has been paid on the internal application to the USPTO as an international Seatching Authority. Seatch (e. (37 CFR 1.445(c))2) has been paid on the internal application to the USPTO as an international Seatching Authority. Seatch (e. (37 CFR 1.445(c))2) has been paid on the international application to the USPTO as an international seatching Authority. Seatch (e. (37 CFR 1.445(c))2) has been paid on the international application to the USPTO as an international part of the USPTO as an international part of the seatching Authority. International Seatching Authority. International Seatching Authority. Seatching of State of turnishing large in an electronic medium or computer program listing in an electronic medium or medium or season and the part of the computer of th	prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0						\$			
If the without opinion of the ISAUS or the international preliminary examination report prepared by IPEAUS indicates all claims safety provisions of PCT AIN 63(3)(1)4). Search fee (S7 CPR 1,445(s)(2)1) has been paid on the international application to the USPTO as an international Search Report prepared by provisions of PCT AIN 63(1)(4) has been paid on the international speciation to the USPTO as an international Search Report prepared by an ISA dester than the US and provised to the Office or an international Search Report prepared by an ISA dester than the US and provised to the Office or an ISAU AIN 64(1) and 15(1) and 15(1					•••••					
Search fee (37 CFR 1.445(p)(p)) has been paid on the international application to the USPTO as an International Searching Autority. Search fee (37 CFR 1.445(p)(p)) has been paid on the international searching Autority. Search fee (37 CFR 1.445(p)(p) has been paid on the international searching Autority Searching	If the written on	nion of the	ISA/US	or the internationa	preliminary examination	rep	ort prepared by			
International Search Report preparate by at 15A other than the US and provided to the Office or previously communicated to the US by the 16	IPEA/US Search fee (37 (indicates CFR 1.445	all claims (a)(2)) ha	satisfy provisions s been paid on the	of PCT Article 33(1)-(4) . international application	to	\$0 the USPTO as an			
Additional tests of the present of the second of the second of the present of t	Internatio	nal Search	nina Auth	ority			\$100	\$		
TOTAL OF 21, 22 and 23 = \$0.00 Additional test perpetitional modernings fled in paper corer 100 sheets (excluding excluding sequence stiring in compilators with 37 (FRT 1821)) for (ii) or in an exertantic medium or computer program letting in a relectant medium). (27 CFR 1.4820)). The fee is \$280 for each additional 30 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 30 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 30 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 30 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 30 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 30 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 30 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 30 sheets of paper or fraction thereof. Supplies the earlies of the fractional stage (37 CFR 1.4820)). Total Sheets Number or each or extra Sheet Number or each or declaration sheet of commencement of the rational stage (37 CFR 1.4820)). Total OF ABOVE CALCULATIONS \$0.00 Applicant claims small entity status. See 37 CFR 1.27, Fees above are reduced by 1/4. Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest status of the property of the second of the earliest status of the paper of the paper of the paper of the earliest status of the paper of the earliest status of the paper of the paper of the earliest status of the paper of the paper of the earliest status of the paper of the earliest status of the paper of the paper of the earliest status of the paper of	previously	y commun	icated to	the US by the IB			\$410			
Additional fee for specification and direviers their in raper over 100 sheets (excluding a sessiones obtained on their 27FB 1287 or 90 or in a sheet (excluding a sessiones obtained on their 27FB 1287 or 90 or in a sheet of their and the	All other situation						8510	\$ 00	20	
Sequence listing in compliance with 37 CPR 1.281(a) or (a) or in an electronic medium or compliance region listing in an electronic medium (c) CPR 1.282(a). The fee is 2006 for each authorical of shirtest of pages or fraction hereod. Total Sheets Extra Sheets Interest of pages or fraction thereod. Total Sheets Extra Sheets Interest or (a) So = 10					. d in manner more 100 also		anal office	+ 0.0	-	
The fee is \$300 for each additional 50 sheets of pages or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction 1-100 s S S S S S S S S S S S S S S S S S S	- seque	nce listing	in compli	ance with 37 CFR	1.821(c) or (e) or in an e	lect	excluding ronic medium or			
thereof (round up to a whole number)	compu The fee is	ter progra S260 for	m listing i each add	in an electronic me itional 50 sheets o	edium) (37 CFR 1.492(j)) f paper or fraction therec	ć.				
thereof (round up to a whole number)					* * * * * * * * * * * * * * * * * * * *	_		-		
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the cath or declaration after the date of commencement of the national stage (\$7 CFR 1.492(h)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims -20 = 0 x x \$30 0.00 Independent claims -20 = 0 x x \$30 0.00 Independent claims -3 = 0 x x \$30 0.00 MILTPLE DEPENDENT CLAIM(s) (if applicable) + + \$370 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL F SUBTOTAL S 0.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claims of \$7 CFR 1.493(h). TOTAL NATIONAL FEE \$ 0.00 TOTAL NATIONAL FEE \$ 0.00 Fee for recording the enclosed assignment (\$7 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (\$7 CFR 3.28, 3.31), \$40.00 per property TOTAL FEES ENCLOSED = **TOTAL FEES ENCLOSED = **Amount to be refunded: \$ 0.00 **TOTAL Manual FEE \$ 0.00 **TOTAL FEES ENCLOSED = **Amount to be refunded: \$ 0.00 **TOTAL Manual FEE \$ 0.00 **Amount to be \$ 0.00 **TOTAL Manual FEE \$ 0.00 **Amount to be \$ 0.00 **TOTAL Manual FEE \$ 0.00 **TOTAL FEES ENCLOSED \$ 0.00 **TOTAL Manual FEE \$ 0.00 **TOTAL Manual FEE \$ 0.00 **TOTAL Manual FEE \$ 0.00 **TOTAL FEES ENCLOSED \$ 0.00 **TOTAL FEES ENCLOSED	Total Sheets	Extra Si	neets				RATE			
Applicant claims small entity status. See 37 CFR 1.27 (h)). TOTAL NATIONAL FEE For or recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property TOTAL FEES ENCLOSED = \$0.00 Amount to be entitled to \$0.00 per property TOTAL FEES ENCLOSED = \$0.00 Amount to be entitled to \$0.00 per property TOTAL FEES ENCLOSED = \$0.00 Amount to be entitled to \$0.00 per property TOTAL FEES ENCLOSED = \$0.00 Amount to be a feet of \$1.00 per property	- 100 =		/50 =	x \$260.00			\$			
Total claims -20 +	Surcharge of \$1 after the date of	30 for furn commenc	ement of	the national stage	(37 CFR 1.492(h)).	oat	h or declaration	\$		
Independent claims -3 = 0 x x \$210 0,000 MLTPLE DEPENDENT CLAMIS) (it applicable) + + \$370 0,000 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/6. SUBTOTAL = \$0.00 Processing fee of \$130.00 for furnishing is-e English translation later than 30 months from the earliest claims of principles of \$130.00 for furnishing is-e English translation later than 30 months from the earliest claims of principles of \$10.00 for furnishing is-e English translation later than 30 months from the earliest claims of principles of \$10.00 for furnishing is-e English translation later than 30 months from the earliest claims of principles of \$10.00 for furnishing is-e English translation later than 30 months from the earliest claims of \$10.00 for furnishing is-e English translation later than 30 months from the earliest claims of \$10.00 for furnishing is-e English translation later than 30 months from the earliest claims of \$10.00 for furnishing is-e English translation later than 30 months from the earliest claims of \$10.00 for furnishing is-e English translation later than 30 months from the earliest claims of \$10.00 for furnishing is-e English translation later than 30 months from the earliest claims of \$10.00 for furnishing is-e English translation later than 30 months from the earliest claims of \$10.00 for furnishing is-e English translation later than 30 months from the earliest claims of \$10.00 for furnishing is-expected in \$10.00 for furnishing			NUM							
MULTIPLE DEPENDENT CLAMIN(s) (if applicable) + \$\$370						_				
TOTAL OF ABOVE CALCULATIONS * \$ 0.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by %. SUBTOTAL * \$ 0.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.4930)). TOTAL NATIONAL FEE * \$ 0.00 Fee for recording the enclosed seagement (37 CFR 1.21(0)). The seagement must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$ 0.00 Amount to be refunded:			CLAIM/S		U	-		0.0	30	
Applicant claims small entity status. See S7 CFR 1.27. Fees above are reduced by 1/s. SUBTOTAL = \$ 0.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.42(ii)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property TOTAL FEES ENCLOSED = \$ 0.00 Amount to be refunded: Amount to be	MOCTIFEE DE	LINDLINI	OLA IVI(G	y (ii applicable)	TOTAL OF A			- 8 00	20	
SUBTOTAL = \$ 0.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(ii)). TOTAL NATIONAL FEE = \$ 0.00 Fee for recording the enclosed assignment (37 CFR 1.21(ii)). The assignment must be accomplaned by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property TOTAL FEES ENCLOSED = \$ 0.00 Amount to be refunded: \$	_						= \$ 0.0	50		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.									
cialmed priority date (37 CFR 1.492(ii)). TOTAL NATIONAL FEE = \$ 0.00 Fee for recording the enobased assignment (37 CFR 1.21(ii)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property TOTAL FEES ENCLOSED = \$ 0.00 Amount to be refunded: Amount to be	SUBTOTAL =					= \$ 0.0	00			
Fise for recording the enclosed assignment (37 CFR 1.21 (N)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property S TOTAL FEES ENCLOSED = Amount to be refunded: Amount to be a	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$				
by an appropriate cover sheet (37 GFR 3.28, 3.31), \$40.00 per property	TOTAL NATIONAL FEE =						= \$	\$ 0.00		
TOTAL FEES ENCLOSED = \$ 0,00 Amount to be refunded: Amount to be control to be contr						\$	\$			
Amount to be enfunded: Amount to be a								\$		
refunded: \$ Amount to be					то	TAL	FEES ENCLOSED =	\$		0.00
Amount to be charged \$									\$	
								Amount to be charged	\$	

PTO-1390 (Rev. 09-2007)
Approved for use through 02282010. 0MB 0651 0021
U. S. Palent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

a. A check in the amount of \$	_ to cover the above fees is enclosed.						
b. Please charge my Deposit Account No. A duplicate copy of this sheet is enclosed.	in the amount of \$ to cover the above fees.						
	any additional fees which may be required, or credit any overpayment to Deposit te copy of this sheet is enclosed.						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2x38. The PTO-2x38 should only mailed or faxed to the USPTO. However, when paying the basis instancial fee, the PTO-2x38 may NOT be faced to the USPTO.							
ADVISORY: If filing by EFS. Web, do NOT attach the PTO-2c38 form as a PDF along with your EFS. Web submission. Please be advised that this is not recommended and by doing so your credit card information may be displayed via PAIR. To protect your information, it is recommended paying less online by using the electronic payment method.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status.							
SEND ALL CORRESPONDENCE TO:	/Gregory P. Einhorn/ SIGNATURE						
Gregory P. Einhorn MORRISON & FOERSTER LLP 12531 High Bluff Drive, Suite 100 San Diego, California 92130-2040 (858) 720-5133	Gregory P. Einhorn NAME						
CUSTOMER NUMBER: 25225	38,440 REGISTRATION NUMBER						
	nedia i na i lois Nomben						
U.S. APPLICATION NO. (# known, see 37 CFR 1.5) INTER 10/551,359	RNATIONAL APPLICATION NO. ATTORNEYS DOCKET NUMBER PCT/CA2004/000464 577132000200						